

## PROGRAM OUTCOMES:

Work safely and independently with others.  
Demonstrate welding skills and theory at entry- and advanced levels.  
Think critically, problem-solve, and use creativity.  
Read and interpret welding drawings and sketches.

## PROGRAM LENGTH:

Diploma hours: 740  
AAS hours: 655  
A probationary period of 500 hours

## CERTIFICATION:

Advanced Welding Certificate  
Manual Welding Certificate  
Production Welding Certificate

## ON-THE-JOB LEARNING COMPETENCIES:

- Handling, installing, positioning, moving materials, and manipulating things.
- Performing physical activities such as climbing, lifting, balancing, and handling materials.
- Using either control mechanisms or direct physical activity to operate machines or processes.
- Observing, receiving, and otherwise obtaining information from all relevant sources.
- Inspect equipment, structures, or materials to identify the cause of errors, problems, or defects.

## JOB FUNCTIONS:

- Measure dimensions of completed products or workpieces to verify conformance to specifications.
- Read work orders or other instructions to determine product specifications or materials requirements.
- Review blueprints or other instructions to determine